

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number (Optional)

CIBT-P01-114

Application Number

09/804,490

Burkly et al.

March 12, 2001

~~1614~~ 1646

RECEIVED  
SEP 18 2001  
ECH CENTER 100-2900

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
<i>01P/</i>	5,789,650	8/4/98	Lonberg et al.			
<i>SEP 10 2001</i>						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>WJ</i>	AB	WO 95/23223	8/31/95	PCT			

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

<i>WJ</i>	AC	Alcedo et al., 1996, "The Drosophila smoothened gene encodes a seven-pass membrane protein, a putative receptor for the hedgehog signal", Cell 86:221-232
	AD	Alexandre et al., 1996, "Transcriptional activation of hedgehog target genes in Drosophila is mediated directly by the cubitus interruptus protein, a member of the GLI family of zinc finger DNA-binding proteins", Genes & Dev. 10:2003-2013
	AE	Boerner et al., 1991, "Production of antigen-specific human monoclonal antibodies from in vitro-primed human splenocytes", J. Immunol. 147:86-95
	AF	Bumcrot et al., 1995, "Proteolytic processing yields two secreted forms of sonic hedgehog", Mol. Cell. Biol. 15:2294-2303
	AG	Chang et al., 1994, "Products, genetic linkage and limb patterning activity of a murine hedgehog gene", Development 120:3339-3353
	AH	Co et al., 1991, "Humanized antibodies for antiviral therapy", Proc. Natl. Acad. Sci. USA 88:2869-2873
	AI	Dahmane et al., 1997, "Activation of the transcription factor Gli1 and the Sonic hedgehog signalling pathway in skin tumours", Nature 389:876-880
	AJ	Dominguez et al., 1996, "Sending and receiving the hedgehog signal: control by the Drosophila Gli protein Cubitus interruptus", Science 272:1621-1625
	AK	Echelard et al., 1993, "Sonic hedgehog, a member of a family of putative signaling molecules, is implicated in the regulation of CNS polarity", Cell 75:1417-1430
	AL	Ekker et al., 1995, "Patterning activities of vertebrate hedgehog proteins in the developing eye and brain", Curr. Biol. 5:944-955
	AM	Ericson et al., 1996, "Two critical periods of sonic hedgehog signaling required for the specification of motor identity", Cell 87:661-673
<i>WJ</i>	AN	Fan et al., 1995, "Long-range sclerotome induction by sonic hedgehog: direct role of the amino-terminal cleavage product and modulation by the cyclic AMP signaling pathway", Cell 81:457-465

*Mar 14 8/31/09*

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
CIBT-P01-114

Application Number  
09/804,490

Burkly et al.

March 12, 2001

1614 7646

TECH CENTER 1600-2900  
SEP 3 2001

RECEIVED  
SEP 3 2001

OIP E  
SEP 1 2001  
PATENT & TRADEMARK OFFICE

AO	Hall et al., 1995, "A potential catalytic site revealed by the 1.7-A crystal structure of the amino-terminal signaling domain of Sonic hedgehog", Nature 378:212-216
AP	Huang and Stollar, 1991, "Construction of representative immunoglobulin variable region cDNA libraries from human peripheral blood lymphocytes without in vitro stimulation", J. Immunol. Meth. 141:227-236
AQ	Johnson and Tabin, 1995, "The long and short of hedgehog signaling", Cell 81:313-316
AR	Jones et al., 1986, "Replacing the complementarity-determining regions in a human antibody with those from a mouse", Nature 321:522-525
AS	Kohler et al., 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497
AT	Lee et al., 1994, "Autoproteolysis in hedgehog protein biogenesis", Science 266:1528-1536
AU	Marigo et al., 1996, "Biochemical evidence that patched is the Hedgehog receptor", Nature 384:176-179
AV	Needleman et al., 1970, "A general method applicable to the search for similarities in the amino acid sequence of two proteins", J. Mol. Biol. 48:443-453
AW	Orlandi et al., 1989, "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction", Proc. Natl. Acad. Sci. USA 86:3833-3837
AX	Parisi et al., 1998, "The role of the hedgehog/patched signaling pathway in epithelial stem cell proliferation: from fly to human", Cell Res. 8:15-21
AY	Persson et al., 1991, "Generation of diverse high-affinity human monoclonal antibodies by repertoire cloning", Proc. Natl. Acad. Sci. USA 88:2432-2436
AZ	Porter et al., 1995, "Hedgehog patterning activity: role of a lipophilic modification mediated by the carboxy-terminal autoprocessing domain", Cell 86:21-34
BA	Porter et al., 1995, "The product of hedgehog autoproteolytic cleavage active in local and long-range signalling", Nature 374:363-366
BB	Porter et al., 1996, "Cholesterol modification of hedgehog signaling proteins in animal development", Science 274:255-258
BC	Queen et al., 1989, "A humanized antibody that binds to the interleukin 2 receptor", Proc. Natl. Acad. Sci. USA 86:10029-10033
BD	Riechmann et al. 1988, "Reshaping human antibodies for therapy", Nature 332:323-327
BE	St. Jacques et al., 1998, "Sonic hedgehog signaling is essential for hair development", Curr. Biol. 8:1058-1068

*Mark W. 8/31/04*

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number (Optional)

CIBT-P01-114

Application Number

09/804,490

Burkly et al.

March 12, 2001

1614

RECEIVED  
SEP 1 3 2001  
TECH CENTER 600/2000RECEIVED  
SEP 1 3 2001O I P E J C I 4  
SEP 1 0 2001  
PATENT & TRADEMARK OFFICE

BF

Stone et al., 1996, "The tumour-suppressor gene patched encodes a candidate receptor for Sonic hedgehog", Nature 384:129-134

BG

Schwartz and Dayhoff, 1978, "Matrices for detecting distant relationships", Atlas of Protein Sequences and Structure 5:Suppl. 3 pp 353-358 (Nat. Biomed. Res. Foundation, Washington, D.C.)

BH

Sultan et al., 1997, "Blockade of CD2-LFA-3 interactions protects human skin allografts in immunodeficient mouse/human chimeras", Nat. Biotechnol. 15:759-762

BI

Tempest et al., 1991, "Reshaping a human monoclonal antibody to inhibit human respiratory syncytial virus infection in vivo", Biotechnol. 9:266-271

BJ

Therond et al., 1996, "Phosphorylation of the fused protein kinase in response to signaling from hedgehog", Proc. Natl. Acad. Sci. USA 93:4224-4228

BK

Verhoeven et al., 1988, "Reshaping human antibodies: grafting an antilysozyme activity", Science 239:1534-1536

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE